

Setting Up Application Environment

Install IBM Cloud CLI

Date	10-11-2022
Team ID	PNT2022TMID03356
Project Name	Smart Fashion Recommender Application
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Step 1:

Follow and do the step given in this page one by one

https://cloud.ibm.com/docs/cli/reference/ibmcloud_cli/get_started.html#getting-started

The screenshot shows the IBM Cloud CLI documentation page. The left sidebar contains a navigation menu with sections like 'Get started' and 'How to'. The main content area is titled 'Installing the stand-alone IBM Cloud CLI' and includes a tip about installing both the CLI and recommended plug-ins. The right sidebar lists 'Before you begin' steps: 'Installing with an installer', 'Installing from the shell', 'Installing to a custom directory', and 'Updating the IBM Cloud CLI'. A 'Feedback' button is visible at the bottom right of the sidebar.

IBM Cloud CLI

Get started

- Getting started with the IBM Cloud CLI

How to

- Installing the stand-alone IBM Cloud CLI
- Installing the tools and plug-ins manually
- Installing and using private endpoints
- Extending IBM Cloud CLI with plug-ins
- Working with multiple sessions with the IBM Cloud CLI
- Enabling shell autocompletion for IBM Cloud CLI (Linux and macOS only)
- Using quotation marks with

Expand all | Collapse all

IBM Cloud Docs / IBM Cloud CLI /

Installing the stand-alone IBM Cloud CLI

The IBM Cloud® Command Line Interface provides commands for managing resources in IBM Cloud. When you install the standalone IBM Cloud CLI, you get only the CLI itself without any recommended plug-ins or tools.

☒ **Tip:** If you want to install both the latest IBM Cloud CLI and other recommended plug-ins and tools for developing applications for IBM Cloud, see [Getting started with the IBM Cloud CLI](#) and [Installing the tools and plug-ins manually](#).

Before you begin

If you need to use a 32-bit version, or a previous version other than the latest for IBM Cloud Dedicated environments, see [IBM Cloud CLI releases](#).

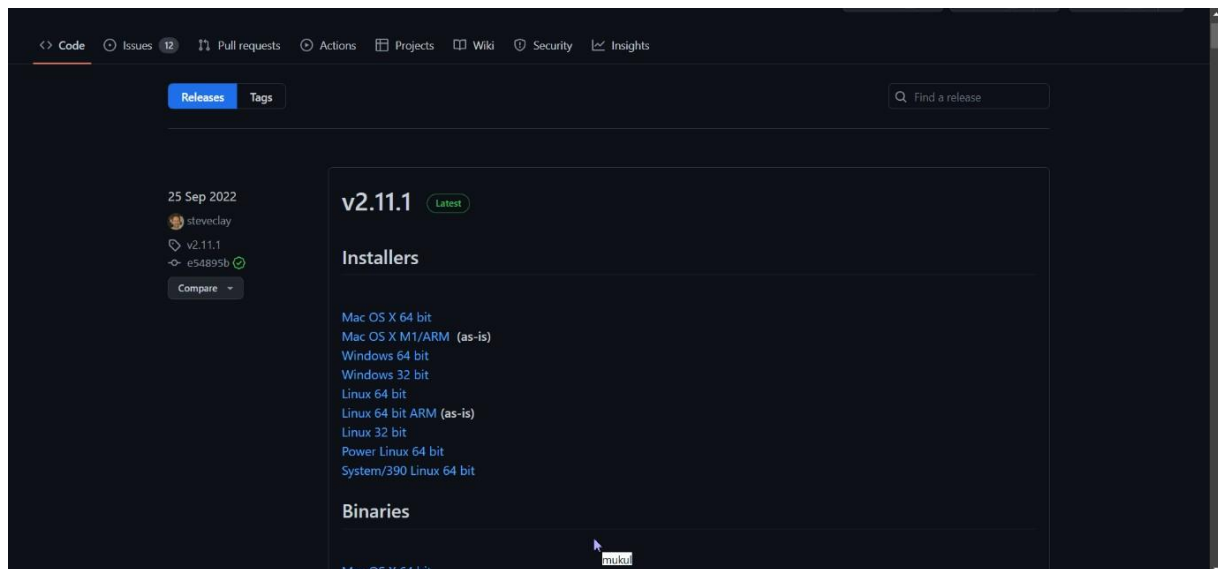
Installing with an installer

Use the following steps to install the latest stand-alone IBM Cloud CLI:

- 1 Use a browser to access the official [ibm-cloud-cli-releases](#) GitHub repository, and **select** the installer of your OS to begin the download. The following operating systems are supported: macOS X 64-bit, Windows™ 64-bit, Linux™ x86 64-bit, and Linux™ LE 64-bit (ppc64le).
- 2 Run the installer:
 - For Mac and Windows™, run the installer.

Step 2:

Download Setup file from the link <https://github.com/IBM-Cloud/ibm-cloud-cli-release/releases/>



Step 3:

Run the setup file

```
Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sakthi aishwarya>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> sakthi2002aishwarya@gmail.com

Password>
Authenticating...
OK
```

```
Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sakthi aishwarya>git clone https://github.com/IBM-Cloud/node-helloworld.git
Cloning into 'node-helloworld'...
remote: Enumerating objects: 98, done.
Receiving objects: 100% (98/98), 25.80 KiB | 1.72 MiB/s, done.
Resolving deltas: 100% (45/45), done.

C:\Users\Sakthi aishwarya>ibmcloud target --cf
!!!18N MESSAGE NOT FOUND!!!
Targeted Cloud Foundry (https://api.us-south.cf.cloud.ibm.com)

No organizations were found.
Use ibmcloud account org-create ORG to create an org in the target public CF environment.

API endpoint: https://cloud.ibm.com
Region: us-south
User: sakthi2002aishwarya@gmail.com
Account: Sakthi Aishwarya S's Account (5c9f135b56c341358da5d87c3f09bcac)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint: https://api.us-south.cf.cloud.ibm.com (API version: 2.189.0)
Org:
Space:
```

Step 4: Check for updates and version in cmd

```
Command Prompt
Microsoft Windows [Version 10.0.19045.2251]
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C:\Users\Sakthi aishwarya>ibmcloud plugin install cloud-object-storage
Looking up 'cloud-object-storage' from repository 'IBM Cloud'...
Plug-in 'cloud-object-storage 1.6.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
 16.58 MiB / 16.58 MiB [=====] 100.00% 6s
17383936 bytes downloaded
Installing binary...
OK
Plug-in 'cloud-object-storage 1.6.0' was successfully installed into C:\Users\Sakthi aishwarya\.bluemix\plugins\cloud-object-storage. Use 'ibmcloud plugin show cloud-object-storage' to show its details.

C:\Users\Sakthi aishwarya>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Attempting to download the binary file...
11.90 MiB / 11.90 MiB [=====] 100.00% 3s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\Sakthi aishwarya\.bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\Sakthi aishwarya>ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
 26.86 MiB / 26.86 MiB [=====] 100.00% 9s
```

```
Command Prompt
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\Sakthi aishwarya\.bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\Sakthi aishwarya>ibmcloud plugin install cloud-functions
Looking up 'cloud-functions' from repository 'IBM Cloud'...
Plug-in 'cloud-functions[wsk/functions/fn] 1.0.61' found in repository 'IBM Cloud'
Attempting to download the binary file...
 13.39 MiB / 13.39 MiB [=====] 100.00% 21s
14042112 bytes downloaded
Installing binary...
OK
Plug-in 'cloud-functions 1.0.61' was successfully installed into C:\Users\Sakthi aishwarya\.bluemix\plugins\cloud-functions. Use 'ibmcloud plugin show cloud-functions' to show its details.

C:\Users\Sakthi aishwarya>ibmcloud plugin install schematics
Looking up 'schematics' from repository 'IBM Cloud'...
Plug-in 'schematics[sch] 1.12.3' found in repository 'IBM Cloud'
Attempting to download the binary file...
 20.71 MiB / 20.71 MiB [=====] 100.00% 16s
21719040 bytes downloaded
Installing binary...
OK
Plug-in 'schematics 1.12.3' was successfully installed into C:\Users\Sakthi aishwarya\.bluemix\plugins\schematics. Use 'ibmcloud plugin show schematics' to show its details.

C:\Users\Sakthi aishwarya>ibmcloud -v
ibmcloud version 2.12.1+b8488a1-2022-10-31T15:08:10+00:00
```

Step 5: Run all the command one by one in cmd

https://cloud.ibm.com/docs/containers?topic=containers-cs_cli_install

```
Command Prompt

Targeted account Sakthi Aishwarya S's Account (5c9f135b56c341358da5d87c3f09bcac)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 9
Targeted region us-south

API endpoint:      https://cloud.ibm.com
Region:            us-south
User:              sakthi2002aishwarya@gmail.com
Account:           Sakthi Aishwarya S's Account (5c9f135b56c341358da5d87c3f09bcac)
Resource group:    No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\Sakthi aishwarya>

Command Prompt - ibmcloud dev create

Microsoft Windows [Version 10.0.19045.2251]
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C:\Users\Sakthi aishwarya>ibmcloud dev create

Note: Cloud Foundry organization and space are not set, Cloud Foundry options
will not be available.
To enable Cloud Foundry options, use 'ibmcloud target --cf' or
'ibmcloud target -o ORG -s SPACE'

Retrieving available Starter Kits...

=====
Select an application type:

1. Backend Service / Web App
2. Mobile App
-----
0. Exit
=====
? Enter selection number:>
```

```
Command Prompt - ibmcloud dev create
C:\Users\Sakthi aishwarya>ibmcloud dev create

Note: Cloud Foundry organization and space are not set, Cloud Foundry options
will not be available.
To enable Cloud Foundry options, use 'ibmcloud target --cf' or
'ibmcloud target -o ORG -s SPACE'

Retrieving available Starter Kits...

=====
Select an application type:

1. Backend Service / Web App
2. Mobile App
-----
0. Exit

=====
? Enter selection number:> 2

=====
Select a platform:

1. Android
2. iOS Swift
-----
0. Return to the previous selection

=====
? Enter selection number:>
```

```
Command Prompt

=====
Select a platform:

1. Android
2. iOS Swift
-----
0. Return to the previous selection

=====
? Enter selection number:> 1

=====
Select a Starter Kit:

APPSERVICE
-----
1. Android Mobile Application - A pattern for setting up a basic
   Android application.
-----
0. Return to the previous selection

=====
? Enter selection number:> 1

? Enter a name for your application> Smart Fashion Recommender Application
```

Step 6:

Finally, the process of installation of IBM Cloud CLI is Completed.